15th ANNUAL
OSTEOPOROSIS
NEW INSIGHTS IN RESEARCH, DIAGNOSIS,
AND CLINICAL CARE

Marines’ Memorial Hotel • San Francisco, California

THURSDAY – FRIDAY
July 12-13, 2018

COURSE DIRECTORS
Dennis M. Black, PhD
Professor of Epidemiology and Biostatistics
University of California, San Francisco

Anne L. Schafer, MD
Associate Professor of Medicine and of
Epidemiology & Biostatistics
University of California, San Francisco
Endocrine Research Unit
San Francisco VA Medical Center
Now in its 15th year, and presented by the Department of Epidemiology and Biostatistics of the University of California, San Francisco School of Medicine, this 2-day course features an expert faculty that will discuss the epidemiology, pathophysiology, diagnosis, and treatment of osteoporosis. Specific topics will include the cell biology of osteoporosis, bone biomechanics, endocrine and nutrition aspects of osteoporosis, and advances in skeletal imaging, such as CT and MRI scanning. The course will also critically review current treatment options and preview new treatments under study. There will be an emphasis on recent developments and current controversies in the etiology, diagnosis, and management of osteoporosis.

TARGET AUDIENCE
The course is designed for physicians and other professionals in health research or clinical care who would find additional scientific background in the disease helpful, including those specifically involved in osteoporosis such as clinical trial managers, statisticians, physical therapists, and radiologic technologists. This year the conference will place more focus on the latest clinical updates on diagnosis and treatments. No prior clinical or scientific training in osteoporosis is required.

OBJECTIVES
An attendee completing this course will be able to:

• Use bone mineral density with FRAX calculator to diagnose osteoporosis and predict fracture risk according to national treatment guidelines;
• Provide appropriate non-pharmacological counseling and therapy for osteoporosis prevention and treatment;
• Provide appropriate pharmacological treatment for osteoporosis, including the use of new therapies;
• Evaluate the benefits and risks of continuing long-term antiresorptive osteoporosis therapy and determine optimal treatment duration;
• Diagnose and treat osteoporosis secondary to medication use, including glucocorticoid use.

ACCREDITATION
The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 12.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency. Geriatric: The approved credits shown above include 12.50 credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine. Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME. Physician Assistants: AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and AMA PRA category 1 credit™ from organizations accredited by the ACCME. Pharmacy: The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™. Family Physicians: Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending. American Board of Internal Medicine (ABIM) MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 12.50 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

July 12-13, 2018
THURSDAY, JULY 12, 2018

8:00 am  Registration and Continental Breakfast

INTRODUCTION: BONE BIOLOGY, EPIDEMIOLOGY AND RISK ASSESSMENT
Moderator: Dennis M. Black, PhD
8:30  Bone Structure and Function and the Bone Remodeling Cycle  Dolores M. Shoback, MD
9:05  Q&A
9:10  Epidemiology and Consequences of Fractures  Ann V. Schwartz, PhD
9:35  Q&A
9:40  Osteoporosis Screening and Diagnosis: BMD, FRAX and Assessment of Secondary Osteoporosis  Steven T. Harris, MD, FACP
10:20  Q&A
10:25  Break
10:45  Beyond BMD + FRAX: Bone Quality and Bone Strength  Mary L. Bouxsein, PhD
11:15  Q&A
11:20  2018 FEATURED LECTURE
The Growing Gap in Osteoporosis Treatment  John P. Bilezikian, MD
11:55  Q&A
12:00 pm  Lunch (on your own)

OSTEOPOROSIS TREATMENT I
Moderator: Anne L. Schafer, MD
1:30  Bisphosphonate Therapy  Dennis M. Black, PhD
2:00  Q&A
2:05  Denosumab Therapy  Nancy Lane, MD
2:20  Q&A
2:25  SERM, Hormone Therapy, and Calcitonin  Tiffany Kim, MD
2:40  Q&A
2:45  Break
3:05  Mechanisms of New Anabolic Therapy  John P. Bilezikian, MD
3:20  Q&A
3:25  Anabolic Therapy, Alone and in Sequence with Antiresorptives  Anne L. Schafer, MD
3:50  Q&A
3:55  Approach to Initial Therapy for Osteoporosis  Deborah E. Sellmeyer, MD
4:40  Q&A
4:50 pm  Adjourn

GENERAL INFORMATION
Advance registration closes one (1) business day prior to start of course (July 11, 2018). On-site registration fees will be applied after this date.

REGISTRATION INFORMATION
Tuition:  Physicin st $495
          Nurses/Physician Assistants/ $395
          Allied Health Professionals/
          Residents/Fellows

* On-site registration will be $50 additional
Payment may be made by Visa, MasterCard, AmEx or check.

A GREENER MEETING
The syllabus will be available electronically approximately 1 week prior to the course throughout the duration of the conference. If you do not receive an email with the link prior to the course, visit the course web page directly at www.cme.ucsf.edu and find the syllabus link at the top of the page.

REGISTER VIA:
Online: cme.ucsf.edu
Mail: Complete course registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: Fax completed registration form to:
(415) 502-1795 (be sure to include your credit card number)
Phone: To register by phone or to inquire about registration status, please call UCSF’s CME Registration Office at (415) 476-5808.

On-Site Registration: Generally we are able to accommodate on-site registration at our courses, however, pre-registration is preferred to ensure that we have adequate space.
Please check our website for up-to-date information on the course: cme.ucsf.edu
FRIDAY, JULY 13, 2018

8:00 am  Continental Breakfast

SPECIAL TOPICS IN OSTEOPOOROSIS
Moderator: Mary L. Bouxsein, PhD

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Interpretation of DXA Scans</td>
<td>Deborah E. Sellmeyer, MD</td>
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<td>9:15</td>
<td>Q&amp;A</td>
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<td>9:20</td>
<td>Physical Activity for Skeletal Health</td>
<td>Wendy L. Katzman, PT, DPTSc</td>
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<td>9:50</td>
<td>Q&amp;A</td>
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<td>9:55</td>
<td>Glucocorticoid-Induced Osteoporosis</td>
<td>Jonathan Graf, MD</td>
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<td>10:25</td>
<td>Break</td>
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<tr>
<td>10:45</td>
<td>Current Recommendations for Calcium and Vitamin D</td>
<td>Clifford J. Rosen, MD</td>
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<td>11:10</td>
<td>Q&amp;A</td>
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<tr>
<td>11:15</td>
<td>Nutrition: Beyond Calcium and Vitamin D</td>
<td>Deborah E. Sellmeyer, MD</td>
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OSTEOPOOROSIS TREATMENT II
Moderator: Anne L. Schafer, MD

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<th>Time</th>
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<tr>
<td>1:20</td>
<td>Complications of Antiresorptive Drugs: Addressing</td>
<td>Douglas Bauer, MD</td>
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<td>Patient Concerns</td>
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<td>1:50</td>
<td>Q&amp;A</td>
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<td>1:55</td>
<td>Duration of Antiresorptive Therapy and Approach to</td>
<td>Clifford J. Rosen, MD</td>
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<td>Drug Holidays</td>
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<td>Q&amp;A</td>
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<td>2:25</td>
<td>What Constitutes “Treatment Failure”?: Deciding When</td>
<td>Steven T. Cummings, MD</td>
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<td>to Switch Therapy</td>
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<td>2:50</td>
<td>Q&amp;A</td>
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<td>2:55</td>
<td>Break</td>
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<td>3:15</td>
<td>Clinical Decision-Making: Case Studies</td>
<td>Dolores M. Shoback, MD</td>
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<td>Q&amp;A</td>
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<td>4:00</td>
<td>Ask for a Consult: Osteoporosis Treatment Roundtable</td>
<td>Chair: Anne L. Schafer, MD</td>
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<td>Participants:</td>
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<td>John P. Bilezikian, MD</td>
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REFUND POLICY
Cancellations received in writing before July 9, 2018 will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION
Enjoy San Francisco’s renowned attractions such as the historic cable cars, shopping in Union Square, or visit San Francisco’s culinary hub at the Ferry Building.

MARINES’ MEMORIAL HOTEL Hotel is just steps from Union Square and the Theatre District. A block of guestrooms has been reserved at the special UCSF conference rate of $239/night standard or $259/night deluxe. You are urged to make your reservations early. The cut off date is June 18, 2018, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations email reservations@marineclub.com.

If you prefer to telephone in your reservation, call 1-800-562-7463 and identify yourself as a member of this UCSF conference to receive the special rate. By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

RENTAL CAR
Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number # 03BW0137 or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION
UCSF has negotiated special fares with United Airlines for our course attendees. You may use the following offer code to book on your own:
United – www.united.com code: ZZ26868008
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Professor of Pharmacology
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Director, Metabolic Bone Diseases Program
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San Francisco VA Medical Center

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Clinical Fellow in Endocrinology
University of California, San Francisco

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and of Rheumatology
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Tufts University School of Medicine
Maine Medical Center Research Institute
Scarborough, Maine
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Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368

Online registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251
Fax: (415) 502-1795

□ Dr. □ Ms. □ Mr. □ Mrs.

Last Name First M.I.

Degree Specialty

Address

City State Zip

Daytime Phone Fax

Email

Address Label Code Letter (see address label: example, A, B, C, D, etc.)

Would you like to be on our priority email list? □ Yes □ No

Date of birth to be used as OCME registrant number: _____ / _____ / XX

Month Day

Please indicate if you have any special needs:

Registration Fees*:

□ $495 Physicians

□ $395 Nurses/Physician Assistants/Allied Health Professionals/Residents/Fellows

* On-site registration, add an additional $50

SYLLABUS: The syllabus will be available electronically approximately 1 week prior to the course.
If you do not receive an email with the link, you can also go directly to the course web page at cme.ucsf.edu and find the syllabus link at the top of the page.

Make checks payable to: UC Regents
Please charge my credit card: □ Visa □ MasterCard □ AmEx for $ _______________________

Card # / Expiration date

Name on Card (Please Print) _____________________________ Authorized Signature _____________________________

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